

Spark Gap

Vol. 32, Issue 2, February 2015 *MARC - Serving Central Indiana Communities for thirty-two years*

On Our MARC...

Hope everyone is staying warm these days. Just a quick reminder, we will be holding another Tech Review Course schedule for March 14th. Location will be at White River Township Fire Station 53. The Sheriff's Department was holding a training course at the EOC so we had to change the location. The address for Station 53 is 850 S Mullinix. It's just off Smith Valley and 37.

February Dinner Social will be at Flap Jack's this month. It will be held Feb 11th. Please come out to join us. We will start to gather at 5:45 and order about 6:30. March dinner will be at Jockamo's Pizza in Greenwood on Mar 10th. Please mark your calendar for that evening. We are going to go back to Tuesday nights in March as many members have requested to change.

I haven't heard yet as to when the Storm Spotter Training class will be but as soon as I hear, I will get it passed on to everyone either by email or on the net. I'm sure that once I find out, Stephanie will want you to reserve your spot so I am going ahead and give you Stephanie's phone number so you have it to call her to let her know that you would like to attend the class. Please call Stephanie at 317-736-9064 to reserve your spot.

See you Saturday and the coffee will be on.

Jacki-KI6QOG
President



FEBUARY BIRTHDAY WISHES TO:

NC9ULB – Jeff Allen

ND9C – Steve Curtis

KC9ZMU – Fred Robinson

K9THR – Ron Shuetz

N9SIU – Bob LaGrange

YAESU REPEATER UPDATE

During the MARC meeting of December 20th the membership had a strong “YEA” vote to enter into the digital world with the ordering of the newest technology from Yaesu; the DR-1X Analog/Digital repeater. The repeater was ordered December 24th. By a return Email January 8, 2015 the order was confirmed. From that Email;

“...Unfortunately the DR-1X are currently on backorder. They are tentatively scheduled to arrive to our location by the end of February 2015. I will email you as soon as your repeater is shipped, and I will also send you a tracking number.

*Jose G. Perez
Yaesu Sales Representative”*

Below is a LINK to a short video from the floor of a Hamfest. The interview is with a technical rep of Yaesu speaking about the DR-1X System Fusion program.

HERE: <http://www.gigaparts.com/systemfusion/Yaesu-DR-1X-System-Fusion-Repeater.html>

Here is another LINK to a Yaesu Web page showing the feature set of this repeater, as well as the technical specs. <http://www.yaesu.com/indexVS.cfm?cmd=DisplayProducts&ProdCatID=249&encProdID=4105F1B8AE65079CAD2D26735B83B302&DivisionID=65&isArchived=0>

As the vote by the members present December 20th to order this radio was quite numerous it shows the interest we have in this new technology is very strong. Also in the above LINK are tabs taking the reader to the FTR-400DR mobile and the FT2DR hand held. A “candy store” has been contacted asking about a bulk order discount. I await a reply from their management. During the January meeting a poll was taken with a ‘sign-up sheet’ passed to determine if we have a large enough interest to place a bulk order. At the February meeting I should have an update on the possibility of that bulk discount and the percentage we would get. That sheet may get passed again. Look over the LINKs provided to see if digital is in your future.

The installation and operators manuals have been downloaded and thoroughly read. The MARC Tech Committee is ready to complete the installation of the new Yaesu DR-1 repeater very shortly after we take delivery. Email notification will follow to the membership. Please Email reception reports and general comments to: trustee@midstatehams.org
Of note: The Yaesu digital technology is NOT compatible with D-Star. But reports from Steve, ND9C and Rhonda, WS9H, are very favorable for audio quality. “Noticeably better than analog,” reports Steve.

Early March is the expected entry of digital radio into Johnson County.

Chris, KQ9Y

Coffee Break Training –

Continuing our line of disaster response training and an overview of FEMA disaster assistance we are going to look at another topic that deserves mentioning. Simply – Legal Assistance! With all the legal ‘mombo jumbo’ and legal issues that can come up discussing your assistance application, one can be a little overwhelmed. Using a news release from a disaster declaration in Michigan last fall we see what. Below is the news release for this subject.

Michigan Flood Survivors Can Get Free Legal Aid

Main Content

Release date: October 30, 2014

Release Number: DR-4195-MI NR-020

WARREN, Mich. – Individuals who sustained damage from the August storms and flooding can call the Disaster Legal Services hotline at 844-451-0749 for free legal assistance and counseling.

Through the hotline, volunteer lawyers can help eligible survivors with legal issues related to the disaster. Volunteer lawyers can discuss insurance claims, landlord-tenant issues, consumer protection issues and the replacement of wills or other important documents that were lost or destroyed during the storm.

To be eligible for this free legal assistance, applicants must reside in one of the three counties designated for Individual Assistance under the federal disaster declaration for the August storms. The counties are Macomb, Oakland and Wayne.

Disaster Legal Services is a federally funded program run under an agreement between the American Bar Association's Young Lawyers Division and the Federal Emergency Management Agency (FEMA).

Individuals also can register for disaster assistance online at www.DisasterAssistance.gov or via smart phone, tablet or web-enabled device at m.fema.gov. Applicants may also call 800-621-3362 or (TTY) users call 800-462-7585. The toll-free telephone numbers will operate from 7 a.m. to 11 p.m. EDT seven days a week until further notice.



FEBUARY 2015

**Once again it is time to renew your membership to the
Mid-State Amateur Radio Club.**

Dues are still just \$ 18.00 per year!

**Please see Cy Young N9CHY before or after the meeting.
You may also mail in your dues to:**

**M.A.R.C.
P. O. Box 836
Franklin, Indiana 46131
Att: Cy Young N9CHY**

NO MORE MORSE CODE!!

**On February 23, 2007, the Federal Communications Commission (FCC)
eliminated Morse code testing for the Amateur Radio Service!**

The Mid-State Amateur Radio Club is offering a 1-day review on the Technician Class amateur radio test on Saturday March 14th, 2015. The program is scheduled to begin at 8am in the Community Room at White River Twp Fire Department Station 53 located at the intersection of Smith Valley Road and State Road 37. The address is 850 S. Mullinix, Greenwood, IN 46143. Persons that pass their test will be entered in a drawing to get a Baofeng UV5R dual band 2m/440 portable radio.

Important Registration Information:

- ✓ Class size is limited. To enroll, [click here to email the Club Secretary](#).
- ✓ This is a review and test preparation session only. It is not a class to teach the material. It will be an intense 8 hour review with license testing at the end of the day!
- ✓ Class is free but students need to purchase the ARRL 3rd Edition [Ham Radio License Manual](#) and study before the review session.
- ✓ Students may also get the KB6NU's [No-Nonsense Study Guide](#) to study prior to the program for free!

Amateur Radio Newsline – BACK ON THE AIR!!

As of Jan 24, 2015 - Nice to see you back!!

More at www.arnewsline.org



Image source - with permission : www.arnewsline.org

New version of DXMonitor

Peter, VE3SUN, has released an updated version of his extremely useful programme **DXMonitor**.

DXMonitor is a standalone Windows program which monitors the DX announcements available on the internet at DX Summit, HB9DRV and connections to one or more local and international DX Cluster Telnet Servers.

New DX spots are displayed in the main window with user selectable bands, fonts, colors, and highlighting of alerts and local spotters. A band map tracks the current stations on the air by frequency. Maps show the openings with buttons to select bands and times.

The predicted signal strength of the spotted station at your QTH can be displayed with each spot. A 24 hour propagation prediction by band takes only one click.

DX Monitor builds a database of DX Spots, Announcements, and WWV information and includes many tools which can be used by DXers to improve their chances of working a new country.

The latest improvement enables import of spots from DXSummit from as far back as 1994 up to the current date, with time, date, band, callsign and many other filters.

..... Southgate Amateur Radio News ----- February 11, 2015

2014 Indiana Hamfests and Convention

02/14/2015 | Hendricks County Hamfest

Location: Brownsburg, IN

Type: ARRL Hamfest

Sponsor: Hendricks County Amateur Radio Society

Website: <http://www.hcars.org/>

02/28/2015 | DARC Hamfest

Location: Dugger, IN

Type: ARRL Hamfest

Sponsor: Dugger ARC

03/14/2015 | Terre Haute Hamfest

Location: Brazil, IN

Type: ARRL Hamfest

Sponsor: Wabash Valley ARA

Website: <http://w9uuu.org>

03/28/2015 | 32nd Annual Columbus ARC 2015 Hamfest

Location: Columbus, IN

Type: ARRL Hamfest

Sponsor: Columbus Amateur Radio Club

Website: <http://carnet.net>

04/18/2015 | North Central Indiana Hamfest

Location: Peru, IN

Type: ARRL Hamfest

Sponsor: Kokomo ARC, Cass County ARC, Grant County ARC, & Miami County ARC

Website: <http://nci-hamfest.net>

07/11/2015 | Indianapolis Hamfest

Location: Indianapolis, IN

Type: ARRL Hamfest

Sponsor: Indianapolis Amateur Radio Association

Website: <http://www.indyhamfest.com>

11/14/2015 | Indiana State Convention (Fort Wayne Hamfest & Computer Expo)

Location: Fort Wayne, IN

Type: ARRL Convention pending Executive Committee approval

Sponsor: Allen County Amateur Radio Technical Society

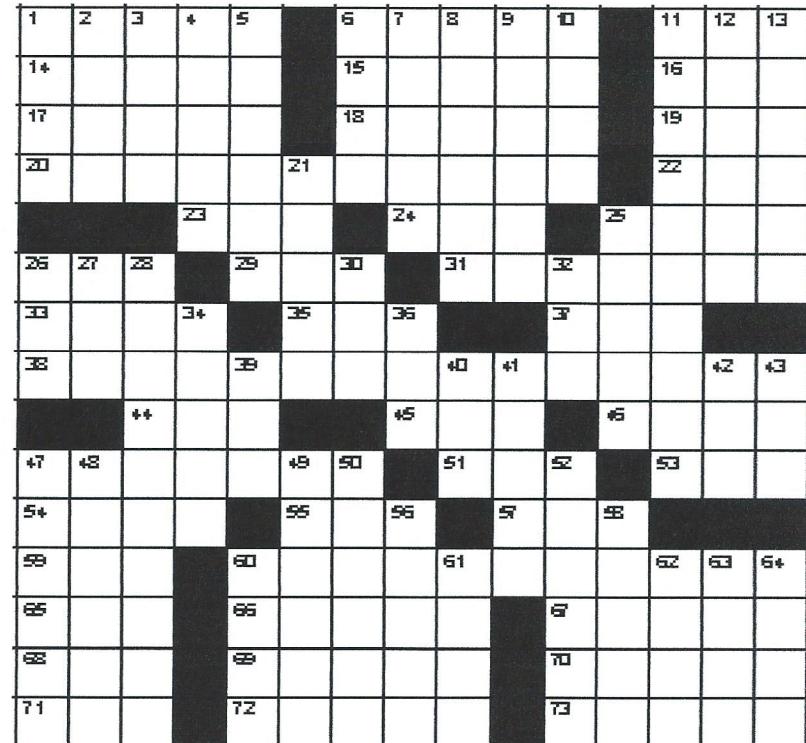
Website: <http://www.fortwaynehamfest.com>

Ham Humor, Part 2**Across**

1. Remembered place in WS-land
6. Sprays
11. Smallrigs
14. F3 compared with A1, say
15. HP/Mcall sign, once
16. Deleted entity island, with Abu
17. A4 denizen
18. J6 name
19. 9/11 year
20. Frequent author in 60-across
22. F9 wine
23. An Hfollower
24. WI to CN dir
25. I-land good
26. UTC predecessor
29. Thyristortype
31. News

33. Detect after the detector

35. Famous W4 suffix (SK)
37. Cyber attacker, with net
38. What 20 across' articles described
44. Alpha male suffix?
45. Former F coin
46. CW, to FCC
47. Adobe product
51. Dir. for HL from W2
53. W5 ARRL sect.
54. Sinister look
55. OSCAR, for one
57. Ham equipment dealer
59. Sometimes accompanies a QSL with an SAE
60. Frequent place for ham humor



65. Opposite of paleo-

66. Elmer, in a way

67. VOA part

68. Diamond or Comet mounting place

69. Equatorial prefix

70. 720 and 753, for example

71. Opposite of 65 across

72. Amplifier, slangily

73. Sloper orientation

Down

1. Roll call misser

2. Before mike

3. 4Xmonth

4. The brainy bunch

5. Tennessee transceivers

6. XE sauce

7. Accustom (to)

8. Trig ratio

9. BV city

10. Shop partner, on a net, say

11. Takes place at Hara

12. It's everything, often

13. Collins sets

21. Scratches, as to a wire

25. Flora and fauna

26. JK predecessors

27. Storage, for short

28. What we did before www,mp3, etc.

30. Hambane

32. Ant. performance meas.

34. Yagi yower

36. KB2GSD network

39. Weep

40. Skywave reflector

41. EME path

42. Suffix with persist

43. Driver's license datum

47. Maker of 11 across, for example

48. Some like it hot

49. Per se

50. Ann art

52. Interlaces

56. Iceland ID

58. Go bad

60. Locales

61. Loads from lobes

62. TI last name

63. Desktop feature

64. "___ we forgot"

MID-STATE AMATEUR RADIO CLUB

The Mid-State Amateur Radio Club meets the THIRD SATURDAY of each month
in the basement of the Johnson County Emergency Management Agency,
1111 Hospital Road, Franklin, Indiana 46131.

See our website, www.midstatehams.org, for maps on how to get to our meeting.

Everyone is welcome; you do not have to be a HAM to attend our meetings or a member of the club.

WA9RDF
Repeater
146.835/
146.235 MHz
151.4 Hz PL Tone

Club Officers:
President: Jacki Frederick – KI6QOG
Vice President: Dave Daily – KB9LOT
Secretary: Rhonda Curtis– WS9H
Treasurer: Cy Young – N9CHY
Repeater Trustee - Chris Frederick – KQ9Y

Weekly Net: Sunday evening 7:00 PM ARES/RACES members and ALL RADIO AMATEURS

The Official Newsletter of the Mid-State Amateur Radio Club

*P.O. Box 836
Franklin, Indiana
46131*

Editor: Robert LaGrange N9SIU

***Please send your articles to my email n9siu@yahoo.com
no later than the 3rd of the month***



ANSWER TO HAM HUMOR PART 2:



Copyright © 2011 Christopher F. Codella, W2PA. All rights reserved.
Source: <http://www.w2pa.com/Home/articles/crossword-puzzles>